

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
27 January 2005 (27.01.2005)

PCT

(10) International Publication Number
WO 2005/007279 A2

(51) International Patent Classification⁷: **B01F**
(21) International Application Number:
PCT/US2004/022086

(22) International Filing Date: 9 July 2004 (09.07.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
60/485,908 10 July 2003 (10.07.2003) US

(71) Applicants (for all designated States except US): **UNIVERSITY OF ALASKA FAIRBANKS** [US/US]; P.O. Box 757560, Room 303, Signers Hall, Fairbanks, AK 99775-7560 (US). **UNIVERSITY OF WASHINGTON** [US/US]; Roosevelt Commons Building, 4311 11th Avenue, N.E., Suite 500, Seattle, WA 98105 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **EICKEN, Hajo** [DE/US]; P.O. Box 80671, Fairbanks, AK 99708 (US). **KREMBS, Christopher** [CA/US]; 30 Florentia Street, Seattle, WA 98109 (US).

(74) Agents: **VILLANUEVA, Lawrence, A.** et al.; Needle & Rosenberg, P.C., Suite 1000, 999 Peachtree Street, Atlanta, GA 30309-3915 (US).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— without international search report and to be republished upon receipt of that report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: COMPOUNDS FOR CHANGING THE PHYSICAL PROPERTIES OF ICE AND METHODS OF USE THEREOF

(57) Abstract: Described herein are compounds for changing the physical properties of ice and methods of use thereof.

WO 2005/007279 A2